

DERWENT-ACC-NO: 1999-507444

DERWENT-WEEK: 200158

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TITLE: Penetration resistant tyre e.g. for
bicycle or motor vehicle - has a tightly woven
p-oriented aromatic polyamide fabric which is formed into
a strip to reduce punctures in the tyre

PATENT-ASSIGNEE: ANONYMOUS [ANON]

PRIORITY-DATA: 1999RD-0421059 (April 20, 1999)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
RD 421059 A		May 10, 1999	N/A
001	B60C 000/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
RD 421059A	N/A	
1999RD-0421059	April 20, 1999	

INT-CL (IPC): B60C000/00

ABSTRACTED-PUB-NO: RD 421059A

BASIC-ABSTRACT:

NOVELTY - A tightly woven p-oriented aromatic polyamide fabric, is woven to a fabric tightness factor of at least 0.75, expressed by the formula: Y is greater than or equal to $0.000625x + 0.69$. The woven fabric is made from yarns having a linear density of less than 500 dtex and a toughness of 30 joules/gram. The fabric can be formed into a strip or

sleeve which is attached
to the tyre or inner tube, or may be a laminate which is
incorporated into the
tyre or inner tube.

USE - For use as a puncture resistant strip or sleeve for
use in bicycle, car,
motorcycle and truck tyres and also tyres for industrial
and farm equipment.

ADVANTAGE - Reduces the occurrence of punctures.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PENETRATE RESISTANCE TYRE BICYCLE MOTOR
VEHICLE TIGHT WOVEN P
ORIENT AROMATIC POLYAMIDE FABRIC FORMING STRIP
REDUCE PUNCTURE TYRE

DERWENT-CLASS: A95 Q11

CPI-CODES: A05-F05; A12-S05F; A12-T01;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0124*R

Polymer Index [1.2]

018 ; ND01 ; K9416 ; Q9999 Q9234 Q9212 ; Q9999 Q9256*R
Q9212 ; Q9999

Q6768 Q6702

Polymer Index [2.1]

018 ; P0737*R P0635 H0293 F70 D01 D18 ; S9999 S1070*R ;
S9999 S1194

S1161 S1070

Polymer Index [2.2]

018 ; K9483*R ; K9676*R ; Q9999 Q7818*R ; B9999 B4842
B4831 B4740

; B9999 B5254 B5243 B4740 ; ND01 ; K9416 ; Q9999 Q9234
Q9212 ; Q9999

Q9256*R Q9212 ; Q9999 Q6768 Q6702

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-148239

Non-CPI Secondary Accession Numbers: N1999-378031